

Sheet 1 of 2

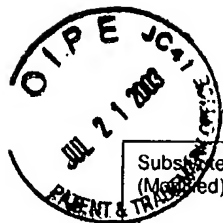
Substitute Form PTO-1449 (Modified) <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))	Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10454-021001	Application No. 10/055,775
	Applicant Steven Mark Eker and Patrick Denis Lincoln		
	Filing Date January 23, 2002	Group Art Unit <del>2151</del> <b>1631</b>	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Publication/ Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
<b>col</b>	AA	5,113,342	05/12/92	Zamora			
	AB	5,621,671	04/15/97	Bodnar			
	AC	5,805,461	09/08/98	Fant et al.			
	AD	5,914,891	06/22/99	McAdams et al.			
	AE	6,132,969	10/17/00	Stoughton et al.			
	AF	US 2002/ 0068269 A1	06/06/02	Allen et al.			03/12/01

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
<b>col</b>	AG	WO 99/66067	12/23/99	WIPO			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<b>col</b>	AH	Akutsu et al., "Identification of Genetic Networks from a Small Number of Gene Expression Patterns Under the Boolean Network Model", <i>Bioinformatics</i> 17:28 <b>1999</b>
	AI	Akutsu et al., "Inferring qualitative relations in genetic networks and metabolic pathways", <i>Bioinformatics</i> 16(8):727-734 (2000)
	AJ	Becskei et al., "Engineering stability in gene networks by autoregulation", <i>Nature</i> 405:590-593 (2000)
	AK	D'haeseleer et al., "Genetic network inference: from co-expression clustering to reverse engineering", <i>Bioinformatics</i> 16(8):707-726 (2000)
	AL	Endy and Brent, "Modelling cellular behaviour", <i>Nature</i> 409:391-395 (2001)
	AM	Gibbs, W.W., "Cybernetic Cells", <i>Scientific American</i> 53-57 (August 2001)
	AN	Glass and Kauffman, "The Logical Analysis of Continuous, Non-linear Biochemical Control Networks", <i>J. Theor. Biol.</i> 39:103-129 (1973)
	AO	Karp, P.D., "An ontology for biological function based on molecular interactions", <i>Bioinformatics</i> 16:269-285 (2000)
	AP	Kauffman, S.A., "Metabolic Stability and Epigenesis in Randomly Constructed Genetic Nets", <i>J. Theoret. Biol.</i> 22:437-467 (1969)
	AQ	Kohn, K.W., "Molecular Interaction Map of the Mammalian Cell Cycle Control and DNA Repair Systems", <i>Molecular Biology of the Cell</i> 10:2703-2734 (1999)
	AR	Liang et al., "Reveal, A General Reverse Engineering Algorithm for Inference of Genetic Network Architectures", <i>Proc. Pacific Symp. On Biocomputing</i> 3:18-29 <b>1998</b>
	AS	McAdams and Arkin, "Simulation of Prokaryotic Genetic Circuits", <i>Annu. Rev. Biophys. Struct.</i> 27:199-224 (1998)

Examiner Signature 	Date Considered <b>1/14/04</b>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Sheet 1 of 1

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<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Steven Mark Eker and Patrick Denis Lincoln	
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>CP</i>	CA	5,930,154	07/27/99	Thalhammer-Reyero			
	CB	5,980,096	11/09/99	Thalhammer-Reyero			
	CC	2003/0033126	02/13/03	Lincoln et al.			
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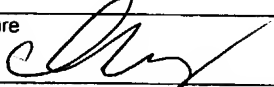
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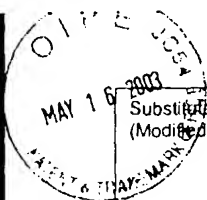
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Foreign Patent Documents or Published Foreign Patent Applications								
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							Yes	No
	CM							
	CN							
	CO							
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Other Documents (include Author, Title, Date, and Place of Publication)		
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Sheet 1 of 1Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
10454-021001Application No.  
10/055,775**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant

Steven Mark Eker and Patrick Denis Lincoln

Filing Date

January 23, 2002

Group Art Unit

~~2151~~ 1631**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
CDL	BA	US 6,438,496 B1	Aug. 20, 2002	Yoshida <i>et al.</i>	702	19	Aug. 20, 1998
	BB						
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							Yes	No
	BL							
	BM							
	BN							
	BO							
	BP							

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Examiner Initial	Desig. ID	Document
CDL	BQ	Akutsu et al., "Identification of Genetic Networks from a Small Number of Gene Expression Patterns Under the Boolean Network Model", <i>Bioinformatics</i> 17-28 (1999)
	BR	Liang et al., "Reveal, A General Reverse Engineering Algorithm for Inference of Genetic Network Architectures", <i>Proc. Pacific Symp. On Biocomputing</i> 3:18-29 (1998)
	BS	
	BT	

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Date Considered

1/14/04

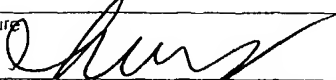
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Substitute Disclosure Form (PTO-1449)

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## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AT	McAdams and Shapiro, "Circuit Simulation of Genetic Networks", <i>Science</i> 269:650-656 (1995)
	AU	Mikulecky, D.C., "Modeling Intestinal Absorption and Other Nutrition-Related Processes Using PSPICE and STELLA", <i>Journal of Pediatric Gastroenterology and Nutrition</i> 11:7-20 (1990)
	AV	Novick and Weiner, "Enzyme Induction as an All-or-None Phenomenon*", <i>Proc. Nat. Acad. USA</i> 43:553-566 (1957)
	AW	Ogata et al., "Computation with the KEGG pathway database", <i>BioSystems</i> 47:119-128 (1998)
	AX	Ouzounis and Karp, "Global Properties of the Metabolic Map of <i>Escherichia coli</i> ", <i>Genome Research</i> 10:568-576 (2000)
	AY	Owre et al., "PVS: A Prototype Verification System", <i>11<sup>th</sup> International Conference on Automated Deduction (CADE)</i> 748-752 (1992)
	AZ	Rosen, R., "Recent Developments in the Theory of Control and Regulation of Cellular Processes", <i>International Review of Cytology</i> 23:25-88 (1968)
	AAA	Shea and Ackers, "The $O_R$ Control System of Bacteriophage Lambda A Physical-Chemical Model for Gene Regulation", <i>J. Mol. Biol</i> 181:211-230 (1985)
	ABB	Snoussi and Thomas, "Logical Identification of All Steady States: The Concept of Feedback Loop Characteristic States", <i>Bulletin of Mathematical Biology</i> 55:973-991 (1993)
	ACC	Somogyi and Sniegowski, "Modeling the Complexity of Genetic Networks: Understanding Multigenic and Pleiotropic Regulation", <i>Complexity</i> 1:45-64 (1996)
	ADD	Stahl, W. R., "Algorithmically Unsolvable Problems for a Cell Automaton", <i>J. Theoret. Biol.</i> 8:371-394 (1965)
	AEE	Stahl, W. R., "Self-Reproducing Automata", <i>Perspectives in Biology and Medicine</i> :373-393 (1965)
	AFF	Stahl and Goheen, "Molecular Algorithms", <i>J. Theoret. Biol.</i> 5:266-287 (1963)
	AGG	Sugita, M., "Functional Analysis of Chemical Systems <i>in vivo</i> using a Logical Circuit Equivalent. II. The Idea of a Molecular Automaton", <i>J. Theoret. Biol.</i> 4:179-192 (1963)
	AHH	Szallasi and Liang, "Modeling the Normal and Neoplastic Cell Cycle with "Realistic Boolean Genetic Networks": Their Application for Understanding Carcinogenesis and Assessing Therapeutic Strategies", <i>Proc. Pacific Symp. On Biocomputing</i> 3:66 (1998)
	AII	Thomas, R., "Boolean Formalization of Genetic Control Circuits", <i>J. Theor. Biol.</i> 42:563-585 (1973)
	AJJ	Thomas, R., "Regulatory Networks Seen as Asynchronous Automata: A Logical Description", <i>J. Theor. Biol.</i> 153:1-23 (1991)
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	AMM	Weng et al., "Complexity in Biological Signaling Systems", <i>Science</i> 284:92-96 (1999)
	ANN	Yuh et al., "Genomic Cis-Regulatory Logic: Experimental and Computational Analysis of a Sea Urchin Gene", <i>Science</i> 279:1896-1902 (1998)

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